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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Bohm, Christer; Bostrom, Anders; Disen, Elling; Holm, Lukas; Lindgren, Per; Zachrison, Martin

Assignee: Net Insight AB

Title: Method And Apparatus For Switching Data Between Bitstreams Of A Circuit Switched Time Division

Patent No. N/A N/A

Serial No.: 09/581,776 Filing Date: 11/13/00

Examiner: Unknown Group Art Unit: 2739

Docket No.: AB-1006 US

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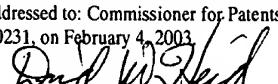
COMMISSIONER FOR PATENTS
Washington, D.C. 20231

**SUBMISSION OF POWER OF ATTORNEY
BY APPLICANTS OF ENTIRE INTEREST**

Sir:

Applicants hereby submit the attached "Power of Attorney By Applicants Of Entire Interest" for the records of the above patent application.

If there are any questions, regarding this matter, please call the undersigned Applicants' attorney at (408) 392-9250.

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231, on February 4, 2003.	
 Attorney for Applicants	Feb 4, 2003 Date of Signature

Respectfully submitted,

for
Alan H. MacPherson
Attorney for Applicants
Reg. No. 24,423



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Bohm, Christer; Bostrom, Anders; Disen, Elling; Holm, Lukas; Lindgren, Per; Zachrison, Martin

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POWER OF ATTORNEY BY ASSIGNEE OF ENTIRE INTEREST

Sir:

The above-identified assignee, hereby revokes all powers of attorney previously given and appoints the attorney(s) and/or agent(s) identified below to prosecute the above-identified application and to transact all business in the United States Patent and Trademark Office in connection therewith:

Customer No. 32605

Please address all correspondence and telephone calls regarding this application to:

Alan H. MacPherson
MacPherson Kwok Chen & Heid LLP
2001 Gateway Place, Suite 195E
San Jose, CA 95110
Phone: (408) 392-9250
Fax: (408) 392-9262

ASSIGNEE CERTIFICATION UNDER 37 CFR 3.73(B)

The undersigned representatives of the above-identified assignees certify that they are the assignees of the entire right, title and interest in the above-identified patent application/patent by virtue of a chain of title from the inventor(s) of the above-identified patent application/patent to the above-identified assignees as shown below:

1.	From: Bohm, Christer	To: Net Insight AB
2.	From: Bostrom, Anders	To: Net Insight AB
3.	From: Disen, Elling	To: Net Insight AB
4.	From: Holm, Lukas	To: Net Insight AB
5.	From: Lindgren, Per	To: Net Insight AB
6.	From: Zachrison, Martin	To: Net Insight AB

- The document was recorded in the United States Patent and Trademark Office at Reel 011431, Frame 0660. A copy of the document is attached.
- The document was submitted to the Patent and Trademark Office for recordation on _____ . A copy of the document is attached.

The undersigned (whose title is supplied below) is empowered to sign this certificate on behalf of the above-identified assignee.

Date: 8 JAN 2003

Net Insight AB

By: 

(Signature)

Name: THOMAS DUFFY
(Printed or Typed Name)

Title: CEO



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Washington, D.C. 20231

MARCH 29, 2001

PTAS

SKJERVEN MORRILL MACPHERSON LLP
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25 METRO DRIVE, SUITE 700
SAN JOSE, CA 95110

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SKJERVEN, MORRILL, MACPHERSON,
LLP

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THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 01/03/2001

REEL/FRAME: 011431/0660
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

BOHM, CHRISTER

DOC DATE: 09/11/2000

ASSIGNOR:

BOSTROM, ANDERS

DOC DATE: 09/11/2000

ASSIGNOR:

HOLM, LUKAS

DOC DATE: 09/15/2000

ASSIGNOR:

LINDGREN, PER

DOC DATE: 09/11/2000

ASSIGNOR:

ZACHRISON, MARTIN

DOC DATE: 09/11/2000

ASSIGNEE:

NET INSIGHT AB
VASTBERGA ALLE 9
SE-126 30 HAGERSTEN, SWEDEN

AHM

Status: 6/17/00
File missing parts: 5/13/01

RD Date: 3/12/01



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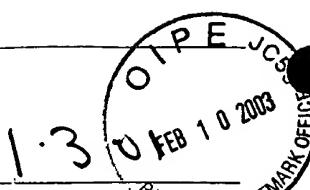
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011431/0660 PAGE 2

SERIAL NUMBER: 09581776
PATENT NUMBER:

FILING DATE:
ISSUE DATE:

SHARON LATIMER, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS



01-19-2001.

ET

TO THE HONORABLE DIRECTOR OF THE TRADEMARK OFFICE
ORIGINAL DOCUMENTS OR COPY THEREOF.

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ARK OFFICE. PLEASE RECORD THE ATTACHED

1. Name of conveying party(ies):

- (a) Bohm, Christer (b) Böstrom, Anders (c) Holm, Lukas
(d) Lindgren, Per (e) Zachrison, Martin

Additional name(s) of conveying party(ies) attached?

 Yes No

2. Name and address of receiving party(ies):

Name: Net Insight AB

Address: Västberga Allé 9, SE-126 30 Hägersten, Sweden

3. Nature of Conveyance:

- Assignment Merger
 Security Agreement Change of Name
 Other _____

Execution Date: (a) September 11, 2000; (b) September 11, 2000; (c) September 15, 2000; (d) September 11, 2000; (e) September 11, 2000

Name and address of receiving party(ies):

Name:

Address:

Additional name(s) & address(es) attached?

 Yes No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s) - 09/581,776

Title: Method And Apparatus For Switching Data

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Alan H. MacPherson

Internal Address: SKJERVEN MORRILL MacPHERSON LLP

Street Address: 25 METRO DRIVE, SUITE 700

City SAN JOSE State CA Zip 95110

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$40.00

- Authorized to be charged to Deposit Account 19-2386
 Charge Deposit Account 19-2386 for any additional fees required for this conveyance and credit deposit account 19-2386 any amounts overpaid

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8. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Alan H. MacPherson 24,423
Name of Person Signing

Signature

Dec 28, 2000
Date

Total number of pages comprising cover sheet: 4

ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, we

BOHM, Christer	of	Naka, Sweden
BOSTRÖM, Anders	of	Solna, Sweden
DISEN, Elling	of	Stockholm, Sweden
HOLM, Lukas	of	Stockholm, Sweden
LINDGREN, Per	of	Stockholm, Sweden
ZACHRISON, Martin	of	Stockholm, Sweden

hereby sell, assign and transfer to NET INSIGHT AB, a Swedish corporation, having a place of business at Västberga Allé 9, SE-126 30 Hägersten, Sweden, its successors and assigns, the entire right, title and interest throughout the world in our invention in

Method and Apparatus for Switching Data

for which we filed a United States Patent Application on December 17, 1998, and now has Serial No. 09/581,776, which U.S. application is a national stage of PCT International Application No. PCT/SE98/02360 filed December 17, 1998, and all patent applications and patents of every country for said invention, including divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said applications; we authorize the above-named assignee to apply for patents of foreign countries for said invention, and to claim all rights of priority without further authorization from us; we agree to execute all papers useful in connection with said United States and foreign applications, and generally to do everything possible to aid said assignee, their successors, assigns and nominees, at their request and expense, in obtaining and enforcing patents for said invention in all countries; and we request the Commissioner of Patents and Trademarks to issue all patents granted for said invention to the above-named assignee, its successors and assigns.

Executed this 12 day of September, 2000.



BOHM, Christer

WITNESSED:



Signature
11/9 2000

Date
RONALD JONANSON

Type or print name of witness

Executed this 11 day of September, 2000.

Anders Bostrom
BOSTRÖM, Anders

WITNESSED:

Roland Johansson
Signature
11/9 2000
Date
Roland Johansson
Type or print name of witness

Executed this _____ day of _____, 2000.

DISEN, Elling

WITNESSED:

Signature

Date

Type or print name of witness

Executed this _____ day of September 15, 2000.

Lukas Holm
HOLM, Lukas

WITNESSED:

Roland Johansson
15/9 2000
Roland Johansson

Executed this _____ day of September 11, 2000.

P. J. L
LINDGREN, Per

WITNESSED:

Roland Johansson
Signature
11/9 2000
Date
Roland Johansson
Type or print name of witness

Executed this 11 day of September, 2000.


ZACHRISON, Martin

WITNESSED:


Signature

11/9 2000

Date

DOLARO JOHANSON
Type or print name of witness